

ABSTRACT

CORONA-FLAMER ION TREATMENT METHOD AND APPARATUS

5 A process and apparatus for substantially enhancing surface-bonding properties of a
substrate simultaneously. The process includes depositing combustion ions upon the
substrate substantially immediately upon generation of the combustion ions; and depositing
corona ions upon the substrate substantially immediately upon generation of the corona ions.
The present invention is advantageously cylindrical and other three-dimensional substrates.

10